

NOTICES OF FINAL RULEMAKING

The Administrative Procedure Act requires the publication of the final rules of the state's agencies. Final rules are those which have appeared in the *Register* 1st as proposed rules and have been through the formal rulemaking process including approval by the Governor's Regulatory Review Council. The Secretary of State shall publish the notice along with the Preamble and the full text in the next available issue of the *Arizona Administrative Register* after the final rules have been submitted for filing and publication.

NOTICE OF FINAL RULEMAKING

TITLE 4. PROFESSIONS AND OCCUPATIONS

CHAPTER 9. REGISTRAR OF CONTRACTORS

PREAMBLE

1. Sections Affected

<u>Rulemaking Action</u>	
Amend	R4-9-101
Amend	R4-9-102
Amend	R4-9-103
Re-number	R4-9-104
New Section	R4-9-104
Re-number	R4-9-105
Amend	R4-9-105
Re-number	R4-9-106
Amend	R4-9-106
Amend	R4-9-108
Repeal	R4-9-111
Amend	R4-9-112
New Section	R4-9-113
Amend	R4-9-130
2. The specific authority for the rulemaking, including both the authorizing statute (general) and the statutes the rules are implementing (specific):

Authorizing statute: A.R.S. § 32-1102, § 32-1104(A)(5) and (A)(6), § 32-1105, and § 41-1072 et seq.

Implementing statute: A.R.S. § 32-1102, § 32-1122, § 32-1123.01, § 32-1125, § 32-1126, § 32-1152, § 32-1152.01, and § 41-1073 through § 41-1076.
3. The effective date of the rules:

The effective date of the rules is May 1, 1998, to give the Registrar of Contractors time for implementation.
4. A list of all previous notices appearing in the Register addressing the final rule:

Notice of Rulemaking Docket Opening: 3 A.A.R. 2031, August 1, 1997

Notice of Proposed Rulemaking: 3 A.A.R. 2059, August 8, 1997
5. The name and address of agency personnel with whom persons may communicate regarding the rulemaking:

Name:	Alan Felber, Chief of Licensing
	Or
	Melissa Cornelius, Chief Legal Counsel
Address:	Registrar of Contractors
	800 West Washington, 6th Floor
	Phoenix, Arizona 85007
Telephone:	(602) 542-1525
Fax:	(602) 542-1599
6. An explanation of the rule, including the agency's reasons for initiating the rule:

The rules create dual licenses and define the policy and procedures relating to them. They amend current license scopes, update workmanship standards and amend bond limits and regulations. The proposed rules also establish an overall time-frame for the agency's license application process.

7. A showing of good cause why the rule is necessary to promote a statewide interest if the rule will diminish a previous grant of authority of a political subdivision of this state:

Not applicable.

8. The summary of the economic, small business, and consumer impact:

The Registrar of Contractors package contains 11 rules, 8 of which are amended. Two rules are entirely new and 1 existing rule must be repealed. Amend: R4-9-101, R4-9-102, R4-9-103, R4-9-105, R4-9-106, R4-9-108, R4-9-112 and R4-9-130; Repeal: R4-9-111; New: R4-9-104 and R4-9-113. The proposed amendments are minor and the changes are intended to make the rules more consistent and easier to read.

New Rule R4-9-104 is the dual License Classifications and Scopes rule drafted pursuant to A.R.S. § 32-1105(B). It has the support of the construction industry. This rule combines the existing commercial and residential classifications and with some exceptions, they are combined to produce the new scopes for the dual classification.

The agency's fees rule, R4-9-130, was amended to include a fee schedule for the new dual license classifications.

Rule R4-9-113 is new and drafted pursuant to A.R.S. § 41-1072 et seq. It establishes the agency's time-frame for granting or denying licenses.

These rule changes will affect the agency positively in the clarification of existing rules and the addition of dual license classifications to simplify the regulation of contractors and the licensing process.

These rules will have a positive effect upon contractors. They allow contractors to apply for and hold dual license classifications which eliminates the need for many contractors to hold multiple license classifications. These rules also establish time-frames for the license application process.

9. A description of the changes between the proposed rules, including supplemental notices, and final rules (if applicable):

In response to concerns of a member of the insurance industry, the agency re-worded R4-9-112(A)(5) and (A)(6) to separate the residential bond amount from the commercial bond amount.

In response to a city building official, the agency removed reference to International Conference of Building Officials from R4-9-108(C)(4)(a). Reference to International Association of Plumbing and Mechanical Officials was removed from R4-9-108(C)(4)(c) for the same reason.

There were changes made due to suggestions and comments made by GRRC staff with regard to clarity, conciseness, organization of the rules, punctuation and reduction of fees. However, no substantive changes were made which differ from the notice of proposed rulemaking.

10. A summary of the principal comments and the agency response to them:

The agency received three comments concerning the proposed rules.

1. An insurance agency representative presented a verbal comment on September 8, 1997, at our public hearing regarding language proposed in Rule R4-9-112(A)(5) and (A)(6): Bond Limits and Regulation. This representative explained that the insurance companies believe the rule should clearly state that bond amounts must not be added together and listed on the bond as 1 amount.

The agency has determined that the amount of a dual license bond must be calculated by using 2 separate areas of a chart listed in R4-9-112(A)(1), (2), (3) and (4) which provide amounts for contemplated residential work and commercial work.

In response to the insurance companies' concern, the agency re-worded R4-9-112(A)(5) and (A)(6) in order to clearly separate the residential bond amount from the commercial bond amount. A difference between these bonds is listed in A.R.S. § 32-1152 (E) for those who may benefit from the different types of bond coverage.

2. The Building Safety Director for the City of Glendale sent the agency a written comment concerning R4-9-108(C)(4)(a) and (C)(4)(c).

The City contends that the International Conference of Building Officials should not be listed as a publication service in R4-9-108(C)(4)(a) because that organization does not have copyrights to nor does it publish the Uniform Plumbing Code.

In response to this comment, the agency removed reference to the International Conference of Building Officials from R4-9-108(C)(4)(a) in order to be correct and concise.

3. The City of Glendale's Building Safety Director explained in his written comment that a reference to International Association of Plumbing and Mechanical Officials should be removed from R4-9-108(C)(4)(c) because building officials voted to use only International Conference of Building Officials' Uniform Mechanical Code.

In response, the agency removed reference to the International Association of Plumbing and Mechanical Officials from R4-9-108(C)(4)(c).

11. Any other matters prescribed by statute that are applicable to the specific agency or to any specific rule or class of rules:

Not applicable.

Arizona Administrative Register
Notices of Final Rulemaking

12. Incorporations by reference and their location in the rules:

R4-9-108:

Minimum Property Standards for Housing, Directive No. 4910.01, U.S. Department of Housing and Urban Development, 1994.
1997 Uniform Building Code, Volumes 1, 2 and 3, International Conference of Building Officials, 1997.
Principles of Construction of Hot-Mix Asphalt Pavements, Manual Series No. 22, Asphalt Institute, January 1983.
Asphalt in Pavement Maintenance, Manual Series No. 16, The Asphalt Institute, March 1983.
Uniform Plumbing Code, International Association of Plumbing and Mechanical Officials, 1997.
1996 National Electric Code, National Fire Protection Association, (NFPA 70-1996), 1995.
1997 Uniform Mechanical Code, International Conference of Building Officials, 1997.

13. Was this rule previously adopted as an emergency rule?

No.

14. The full text of the rules follows:

TITLE 4. PROFESSIONS AND OCCUPATIONS

CHAPTER 9. REGISTRAR OF CONTRACTORS

ARTICLE 1. GENERAL PROVISIONS

Section

- R4-9-101. Definitions
R4-9-102. Commercial Contractor License Classifications and Scopes of Work
R4-9-103. Residential Contracting License Classifications and Scopes of Work
R4-9-104. Dual License Contracting Classifications and Scopes of Work
R4-9-104. R4-9-105. Restricted License Classifications
R4-9-105. R4-9-106. Examinations
R4-9-108. Workmanship Standards
R4-9-111. Repealed General Contractors
R4-9-112. Bond Limits and Regulations
R4-9-113. Application Process
R4-9-130. Schedule of Fees After December 31, 1993

ARTICLE 1. GENERAL PROVISIONS

R4-9-101. Definitions

- ~~A. D.~~ Appurtenances means all includes all work structures and improvements subordinate to a residence within residential property lines, excluding not on the residential structure itself, such as driveways, fences, patios, swimming pools, landscaping, sport courts and gazebos.
~~B. A.~~ Licensee means a The business entity (sole proprietor, partnership, or corporation) to which a the license is issued and not the individuals comprising the ownership or management of the licensee, except for a sole proprietor qualifying for himself. The license is held by the licensee and not the qualifying party.
~~B.~~ General residential contractors: Includes license classification B, B-3, B-4, B-5, B-6 and B-10.
~~C.~~ Specialty residential contractors: Includes all C license classifications and B restricted license classifications, except B-5R (Factory Fabricated Pools and Spas).
~~E.~~ Residential Construction: Includes all building construction and site work within residential property lines including compaction of building pads and lot grading but not lot clearing and grubbing.
~~F.~~ Commercial Construction: Includes industrial and public works projects and all nonresidential construction.
~~C. G.~~ Small commercial construction: means The construction, remodeling, or repair of commercial projects for which where the price of materials and labor does not exceed \$250,000 in any contract or project. Provided, however, provided that any new structures or additions to existing struc-

tures are less than 3 three stories. Nonstructural remodeling and repairs of existing commercial buildings exceeding this height limitation are shall be considered small commercial construction if provided the overall cost of the contract or project does not exceed \$250,000.

R4-9-102. Commercial Contractor License Classifications and Scopes of Work ~~Commercial classifications and scopes~~

- A. Commercial contractor license classifications. License classifications for commercial contractors are as follows:

ENGINEERING CONTRACTING CONSTRUCTION:

- A General Engineering
A-3 Blasting
A-4 General Drilling
A-5 Excavating, Grading and Oil Surfacing
A-7 Piers and Foundations
A-9 Swimming Pools
A-11 Steel and Aluminum Erection
A-12 Sewers, Drains and Pipe Laying
A-14 Asphalt Paving of Subdivisions, Driveways and Parking lots
A-15 Seal Coating of Parking Lots and Driveways
A-16 Waterworks
A-17 Electrical and Transmission Lines
A-19 Swimming Pools, Including Solar
A-21 Landscaping and Irrigation Systems
AE- (As restricted by Registrar)

GENERAL COMMERCIAL CONTRACTING CONSTRUCTION:

- B-1 General Commercial Contractor
B-2 General Small Commercial Contractor
BE- (As restricted by Registrar)

SPECIALTY COMMERCIAL CONTRACTING CONTRACTORS:

- L-1 Acoustical Systems
L-3 Awnings, Canopies, Carports and Patio Covers
L-4 Boilers, Steamfitting and Process Piping
L-5 (As restricted by Registrar)
L-6 Swimming Pool Service and Repair
L-7 Carpentry
L-8 Floor Covering
L-9 Concrete
L-10 Drywall
L-11 Electrical
L-12 Elevators
L-13 Carpets

- L-14 Fencing
- L-16 Fire Protection Systems
- L-24 Ornamental Metals
- L-26 Landscaping
- L-27 Lightweight Partitions
- L-29 Machinery (As restricted by Registrar)
- L-31 Masonry
- L-34 Painting and Wall Covering
- L-36 Plastering
- L-37 Plumbing
- L-38 Signs
- L-39 Air Conditioning and Refrigeration
- L-40 Insulation
- L-41 Septic Tanks and Systems
- L-42 Roofing
- L-44 Irrigation Systems
- L-45 Sheet Metal
- L-48 Ceramic, Plastic and Metal Tile
- L-49 Commercial, Industrial Refrigeration
- L-53 Water Well Drilling
- L-54 Water Conditioning Equipment
- L-56 Welding
- L-57 Wrecking
- L-58 Comfort Heating, Ventilating, Evaporative Cooling
- L-60 Finish Carpentry
- L-61 Carpentry, Remodeling and Repairs
- L-62 Reinforcing Bar and Wire Mesh
- L-63 Appliances
- L-64 Wood Floor Laying and Finishing
- L-65 Glazing
- L-67 Low Voltage Communications Systems
- L-74 Boilers, Steamfitting and Process Piping, Including Solar
- L-77 Plumbing Including Solar
- L-78 Solar Plumbing - Liquid Systems Only
- L-79 Air Conditioning and Refrigeration Including Solar

- B. Commercial contracting scopes. The scope of work which may be done under the commercial contracting license classifications shown is as follows:

A- GENERAL ENGINEERING

Construction in connection with fixed works requiring specialized engineering knowledge and skill, including streets, and roads, power and utilities plants, dams, and hydroelectric plants, sewage and waste disposal plants, bridges, tunnels, and overpasses. Also included are the scopes of work allowed by all of the other engineering classifications, A-3 through A-21.

A-3 BLASTING

The use of explosives and explosive devices for the purposes of excavation, demolition, geological exploration, mining, or any construction related blasting. Included is any drilling, boring, or earth moving earthwork required for the placement of explosive charges, the erection of temporary shelters, barricades and associated protective devices, equipment, and enclosures.

A-4 GENERAL DRILLING

Drilling General drilling includes horizontal and vertical drilling or boring, constructing, for purpose of construction deepening, repairing, or abandoning wells; exploring exploration for water, gas, and oil; and constructing dry wells, and monitor wells.

Also included is the erection of rigs, derricks and related substructures, and installation, service and repair of pumps and pumping equipment.

A-5 EXCAVATING, GRADING AND OIL SURFACING

Movement and alteration of earthen material by digging, horizontal boring, trenching, grading, or compacting the material for a cut, fill, grade, or trench. Included ~~is~~ includes the placement of shoring, the oiling of base materials, and incidental blasting and drilling.

Excludes excavating for water, gas, and oil wells.

A-7 PIERS AND FOUNDATIONS

Installation of piers and foundations using concrete, rebar, and other materials common to the industry. Includes pile driving-drivers, excavation, forming and other techniques and equipment common to the industry.

A-9 SWIMMING POOLS

Construction, service, and repair of swimming pools and spas, including water and gas service lines from point of service to pool equipment, wiring from pool equipment to 1st readily accessible disconnect, pool piping, fittings, backflow prevention devices, waste lines, and other integral parts of a swimming pool or spa.

Also included is the installation of are swimming pool accessories, covers, safety devices, and fencing for protective purposes, if in the original contract.

A-11 STEEL AND ALUMINUM ERECTION

Field fabrication, erection, repair, and alteration of architectural and structural steel and aluminum materials common to the industry, including field layout, cutting, assembly, and erection by welding, bolting, wire tying or riveting.

A-12 SEWERS, DRAINS AND PIPE LAYING

Installation and repair of any project involving sewer access holes ~~manholes~~, the laying of pipe for storm drains, water and gas lines, irrigation, and sewers. Includes connecting sewer collector lines to building drains and the installation of septic tanks, leaching lines, dry wells, and all necessary connections, and related excavation and backfilling.

A-14 ASPHALT PAVING OF SUBDIVISIONS, DRIVEWAYS AND PARKING LOTS

Installation of asphalt paving, and all related fine grading on subdivision streets, highways, and adjacent intersections driveways, parking lots, tennis courts, running tracks, play areas, and gas station driveways and areas, using materials and accessories common to the industry. Includes the necessary excavation and grading only for height adjustment of existing sewer access holes ~~manholes~~, storm drains, water valves, sewer cleanouts, and drain gates, and all necessary excavation and grading.

A-15 SEAL COATING OF PARKING LOTS AND DRIVEWAYS

Application of seal coating to asphalt paving surfaces. Includes repair of surface cracks and application of painted marking symbols.

A-16 WATERWORKS

Arizona Administrative Register
Notices of Final Rulemaking

All work necessary for the production and distribution of water including drilling well, setting casing and pump, related electrical work, related concrete work, excavation, piping for storage and distribution, storage tanks, related fencing, purification and chlorination equipment.

A-17 ELECTRICAL AND TRANSMISSION LINES

Installation, alteration, and repair of transmission lines on public right-of-ways, including erection of poles, guying systems, tower line erection, street lighting of all voltages, and all underground systems including ducts for signal, communication, and similar installations. Installing Installation of transformers, circuit breakers, capacitors, primary metering devices and other related equipment of all electrical construction is included.

All electrical systems of less than 600 volts on or inside a building are excluded.

A-19 SWIMMING POOLS, INCLUDING SOLAR

Construction, service, and repair of swimming pools and spas, with or without solar water heating devices, including water and gas service lines from point of service to pool equipment, wiring from pool equipment to first readily accessible disconnect, pool piping, fittings, backflow prevention devices, waste lines and other integral parts of a swimming pool, spa and attached solar water heating device.

Also included are swimming pool accessories, covers, safety devices, and fencing for protective purposes, if in the original contract.

A-21 LANDSCAPING AND IRRIGATION SYSTEMS

Treat, condition, prepare, and install topsoil. Plant all decorative vegetation. Excavate, trench, bore, backfill and grade as necessary for installation of landscaping and irrigation systems.

Landscaping includes installation of non-loadbearing slabs, walkways and areas using concrete, brick, stone, or gravel; wooden decks; decorative garden walls, fences and screens up to 6 feet in height; retaining walls up to 3 feet in height; and all other materials and equipment common to the industry.

Excluded are cast-in-place or tilt concrete; load bearing walls for structures; and perimeter fencing along property lines or boundaries.

Install Installation, repair, and maintain maintenance of irrigation systems to distribute water for the purpose of irrigation, dust and soil erosion control using equipment, materials, and fittings common to the industry. This includes electrical control panels and apparatus which are an integral part of the irrigation system.

Connections to potable water lines, installation of backflow prevention devices, installation of hose bibs and installation of service lines from source of supply are permitted only when they are an integral part of the irrigation system.

Installation of electric wiring and related fixtures of 110 volts or less for landscaping projects is included. All electrical work is limited to exterior use and only that work necessary to complete a landscaping project. ~~Electrical work shall terminate~~

at the service panel. New circuits may be added to the existing service panel but the installation of a new service panel is excluded.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

AE- (AS RESTRICTED BY THE REGISTRAR)

B-1 GENERAL COMMERCIAL CONTRACTOR

Construction, alteration, and repair in connection with any structure built, being built, or to be built for the support, shelter, and enclosure of persons, animals, chattels, or movable property of any kind, ~~requiring in its construction the use of more than two unrelated construction trades or crafts. This scope includes the supervision of all or to do or~~ superintend the whole or any part of the above and thereof which includes the management, or direct or indirect supervision of any work performed.

This scope includes most of the L scopes except as they relate to Excluded are electrical, plumbing, air conditioning systems mechanical, boilers, swimming pools, spas, and roofing (except shingles and shakes) which must be subcontracted to an appropriately licensed contractor.

B-2 GENERAL SMALL COMMERCIAL CONTRACTOR

Small commercial construction Construction in connection with any new structure or addition built, being built, or to be built for the support, shelter and enclosure of persons, animals, chattels or movable property of any kind, ~~requiring in its construction the use of more than two unrelated construction trades or crafts. This scope includes the supervision of all or to do or superintend the whole or any part of the above and thereof which includes the management or direct or indirect supervision of any work performed.~~

This scope is limited to the construction, remodeling, or repair of commercial projects where the price of materials and labor does not exceed \$250,000 in any contract or project, provided that any new structures or additions to existing structures are less than three (3) stories in height. Included are non-structural remodeling and repairs of existing buildings exceeding such height limitations, provided that the overall remodeling and repair contract or project is less than the aforementioned maximum dollar amount.

This scope includes most of the L scopes except as they relate to Excluded are electrical, plumbing, air conditioning systems mechanical, boilers, swimming pools, spas, and roofing (except shingles and shakes) which must be subcontracted to an appropriately licensed contractor.

BE- (AS RESTRICTED BY THE REGISTRAR)

L-1 ACOUSTICAL SYSTEMS

Installation, application, alteration, and repair of all types of pre-manufactured acoustical ceiling and wall systems.

L-3 AWNINGS, CANOPIES, CARPORT AND PATIO COVERS

Fabrication, Installation installation and repair of metal, ~~fabric, rigid and soft plastic~~ window awnings, door hoods, free-standing or attached

canopies, carport and patio covers constructed of metal, fabric, fiberglass, and plastic, where no welding or job-site fabrication is required other than the use of assembly screws, bolts and related hardware.

Installation Included is installation or repair of screened and paneled enclosures, not intended for use as habitable spaces, using fascia panels, flashing, outside metal prefabricated and built-in storage units, metal panels, screen room plastic inserts, and screen doors, skirting for mobile structures, and screened and paneled patio porches (screens to be A a minimum of 60% sixty percent of wall area of an enclosure shall be constructed of screening material).

Installation or repair of fascia panels, flashing and skirting.

Installation or repair of exterior detached metal storage units. The placing of concrete footings and concrete slabs is permitted only when intended for patio covers, screened-in porches, and metal storage units when included in the same contract.

Excluded is any structural member that weighs more than 6 pounds per lineal foot.

All electrical, plumbing, and air conditioning systems mechanical are excluded.

Placing of concrete footings and patio floors are permitted only when patio covers or screened-in porches are included in the same contract. A structural member shall not exceed six pounds per square foot on carport and patio covers.

L-4 BOILERS, STEAMFITTING AND PROCESS PIPING

Installation, alteration, and repair of steam and hot water systems and boilers, including chimney connections, flues, refractories, burners, piping, fittings, valves, thermal insulation, and accessories; fuel and water lines from source of supply to boilers; process and specialty piping and related equipment; pneumatic and electrical controls, and ~~electrical power wiring from the equipment it serves back to the first disconnect switch electrically adjacent to that equipment.~~

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-5 (AS RESTRICTED BY THE REGISTRAR)

L-6 SWIMMING POOL SERVICE AND REPAIR

Service, replacement, and repair of on swimming pools including all existing connections and equipment. Install Pool gas heaters and gas piping from meter to heater may be installed only if the existing line and gas supply are is adequate.

Application of pool coatings to interior of pool in conjunction with minor repairs to pool tile, plaster, and decks.

Excluded are chlorine gas connections, connections to potable water, and electric connections beyond first readily accessible disconnect.

L-7 CARPENTRY

Includes all All rough and finish general carpentry work and hardware, including accessories, on new and existing structures.

L-8 FLOOR COVERING

Installation, replacement and repair of floor covering materials and related accessories including preparation of the surface to be covered.

Included are linoleum, carpets, carpet backings and pads, and materials manufactured of asphalt, vinyl, vinyl asbestos, rubber, linoleum, carpets, carpet backings and pad wood, ceramic and clay.

L-9 CONCRETE

All work in connection with the processing, proportioning, batching, mixing, conveying, and placing of concrete composed of materials common to the concrete industry, including but not limited to finishing, coloring, curing, repairing, testing, drilling, sawing, grinding, chipping, and grouting. Placing of film barriers, sealing, and waterproofing are included.

Construction, centering, and assembling of forms, molds, slipforms, and pans, and centering.

Trenching, excavating, backfilling, backfill and grading in connection with concrete construction.

Installation of embedded items essential to or comprising an integral part of the concrete or concrete construction, including reinforcing elements and accessories.

L-10 DRYWALL

Installation, pointing, and repair of gypsum wall board, pointing, and accessories, Taping taping and texturing on structures both interior and exterior.

Installation of non-bearing lightweight steel wall partitions and ceiling grid systems as supporting members for gypsum drywall, and installation and repair of movable partitions for the application of gypsum drywall panels.

L-11 ELECTRICAL

Installation, alteration, and repair of any wiring, related electrical material and equipment used in the generating, transmitting, or utilization of electrical energy less than 600 volts, including all overhead electrical wiring on public right-of-ways for signs and street decorations, and all underground electrical distribution systems of less than 600 volts serving private properties.

Installation, alteration, and repair on other than public right-of-ways of all outside, overhead, and underground electrical construction and all wiring in or on any building of less than 600 volts.

L-12 ELEVATORS

Installation, service and repair of all elevators, dumbwaiters, escalators, moving walks and ramps, stage and orchestra lifts, including the fabrication, erection and installation of sheave beams, sheaves, motors, cable and wire rope, guides, cabs, counterweights, doors, including sidewalk elevator doors, automatic and manual controls, signal systems and other devices, apparatus, and related equipment.

L-13 CARPETS

Installation, replacement, and repair of carpeting materials and accessories, including preparation of the surface to be covered.

L-14 FENCING

Installation and repair of metal, wood, and cement block fencing, including highway guard rails, cattle guards, and low voltage U.L. approved electrical fence protective devices of less than 25 volts and

Arizona Administrative Register
Notices of Final Rulemaking

100 watts, when required to properly install fencing.

All types of retaining walls are excluded.

L-16 FIRE PROTECTION SYSTEMS

Installation, alteration, and repair of fire protection systems using water, steam, gas, or chemicals. Included is any required excavation, trenching, backfilling and grading, piping from structure, and connections to off-premise water supply adjacent to property involving a fire protection system.

Systems may include ~~but are not limited to~~ the following areas of work and related equipment: restaurant hood protection systems; fire pumps and drivers; pressure and storage tanks; all piping and valves; sprinkler heads and nozzles; and application of materials for the prevention of corrosion or freezing.

Also included are air compressors, air receivers, bottled inert gases, and pressurized chemicals, manifolds, pneumatic, hydraulic, or electrical controls, low voltage signaling systems, control piping, and the flushing and testing of systems.

L-24 ORNAMENTAL METALS

Fabrication, alteration, repair and installation of all types of non-structural bearing ornamental metal units, both interior and exterior, including ~~but not limited to~~ metal folding gates, guard and hand rails, wrought iron fencing and gates, window shutters and grilles, room dividers and shields, and metal accessories common to the industry. Installation of ornamental or common columns for canopies, porches and carports are also included.

Fire escapes and stairs are excluded.

L-26 LANDSCAPING

Treat, condition, prepare and install topsoil. Plant all decorative vegetation. Excavate, trench, backfill, and grade as necessary for installation of landscaping.

~~Landscaping includes installation~~ Installation of wood decks, non-loadbearing slabs, walkways, and areas using concrete, brick, stone, or gravel; and all other materials and equipment common to the industry.

Excluded are concrete slabs exceeding 400 square feet, concrete walkways exceeding 200 square feet, and masonry work over 18 inches ~~18"~~ in height.

Installation of electric wiring and related fixtures of 110 volts or less for landscaping projects is included. All electrical work is limited to exterior use, and only that work necessary to complete landscaping projects. ~~Electrical work shall terminate at the service panel. New circuits may be added to the existing service panel but the installation of a new service panel is excluded.~~

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-27 LIGHTWEIGHT PARTITIONS

Installation of lightweight (not to exceed 14 gauge) metal wall partitions, including suspended metal ceiling grid systems, as supporting members for the application of building materials such as ~~but not limited to~~: Application and repair of gypsum plaster, cement, or acoustical plaster, or a combination of such materials and aggregates, that create a per-

manent coating; the application of such materials over any surface which offers either a mechanical or suction type bond, sprayed, dashed, or troweled to the surface; surface sandblasting preparatory to plastering or stucco; installation of plastering accessories and lath products manufactured to provide a key or suction type bond for the support of various type plaster coatings; and installation and repair of ~~drywall~~ gypsum wall board, pointing, accessories, taping, and texturing on structures both interior and exterior.

L-29 (AS RESTRICTED BY THE REGISTRAR)

L-31 MASONRY

Installation of brick, concrete block, adobe units, stone, marble, slate, or other units and products common to the masonry industry, including mortarless type masonry products.

Installation of grout, and caulking. Tuck ~~tuck~~ pointing, sand blasting, mortar washing, parging, and cleaning, and welding of reinforcing ~~reinforce-~~ment steel related to masonry construction.

L-34 PAINTING AND WALL COVERING

The Application of materials common to the painting and decorating industry for protective or decorative purposes. Includes surface preparation, caulking, sanding, and cleaning preparatory to painting.

Installation of surface coverings such as vinyls, wall papers, and cloth fabrics; decorative texturing; taping and finishing of drywall in conjunction with surface painting only.

L-36 PLASTERING

Application and repair of gypsum plaster, cement, acoustical plaster, or a combination of such materials and aggregates that create a permanent surface coating.

Application of materials common to the plastering industry over any surface which offers either a mechanical or suction type bond, sprayed, dashed, or troweled to a surface. This scope includes surface ~~Surface~~ sandblasting preparatory to plastering or stucco.

Installation of accessories and lath products manufactured to provide a key or suction type bond for the support of various type plaster coatings. The installation of lightweight metal wall partitions, including suspended lightweight metal ceiling grid systems when the contract includes plastering.

L-37 PLUMBING

Installation, alteration, and repair of all plumbing when performed solely within property lines and not on public easements or right-of-ways, except as hereinafter provided.

Installation, alteration, and repair of all piping, fixtures, and appliances related to water supply, including pressure vessels and tanks (excluding municipal or related water supply systems); venting and sanitary drainage systems for all fluid, semi-fluid, and organic wastes; septic tanks and leaching lines; roof leaders; lawn sprinklers; water conditioning equipment; piping; and equipment for swimming pools.

Also included are piping, fixtures, appliances, and pressure vessels for manufactured and natural gases, compressed air and vacuum systems, petro-

leum, fuel oil, non-potable liquids, hot water heating, and hot water supply systems operating at pressures not exceeding 30 PSIG, or temperatures not exceeding 220 degrees F.; steam heating and steam supply systems not exceeding 15 PSIG operating pressure; gas or oil fired space heaters and furnaces, excluding duct work. Piping for water cooling systems, excluding the refrigerant piping and equipment. Testing and balancing of hydronics systems.

Sewer, gas, water lines, and connections from structure to the nearest point of public supply or disposal may cross public or private easements or be installed within private easements. Pipe installed across public property may not be increased in size, or make any other connection between the point of exit from private property to the point of connection at public supply or disposal. These lines shall not be installed parallel to main lines in public easements or right-of-ways.

L-38 SIGNS

Fabricate, install, repair, and service indoor or outdoor signs, displays, and sign devices attached to, or painted on a structure for the purpose of display, advertising or direction, including painting for background and decorative purposes; sign supports and accessories; flagpoles; electrical wiring directly connecting signs, displays, and sign devices to the first adequate power outlet accessible and adjacent to the sign, display, or sign device.

L-39 AIR CONDITIONING AND REFRIGERATION

Installation, alteration, and repair of refrigeration and evaporative cooling systems.

Installation, alteration, and repair of heating systems of "wet", "dry" or radiant type. "Wet" systems include steam or hot water boilers and coils, or baseboard convectors, and are limited to 30 PSIG operating pressure of 220 degrees F. for hot water and 15 PSIG operating pressure for steam. Dry systems include gas Gas fired furnaces and space heaters.

Installation, alteration, and repair of ventilation systems includes duct work, air filtering devices, water treatment devices, pneumatic or electrical controls, and control piping. Thermal and acoustical insulation, vibration isolation materials and devices, liquid fuel piping and tanks, water and gas piping from service connection to the equipment it serves. Testing and balancing of refrigerant, cooling, heating circuits, and air handling systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-40 INSULATION

Installation, alteration, and repair of insulation materials for the non-mechanical control of heat, sound, and moisture for use in the construction of structures and equipment.

Includes installation methods and devices such as supports, fastening systems, adhesives, mastics, plastics, and material used for the preparation of insulation work and common to the industry.

Application and installation of materials to protect or finish insulated surfaces.

L-41 SEPTIC TANKS & SYSTEMS

Installation, alteration, and repair of septic tanks, aerobic digesters and leaching fields, excavation for tanks, leaching systems and piping, pipe laying for septic systems, and connection to the structure the system serves. Also included is backfilling and compaction in connection with this work.

L-42 ROOFING

Installation and repair of materials common to the industry that form a watertight, weather resistant surface for roofs and decks.

Included is sheet metal when installed in conjunction with a roofing project, application of protective and reflective roof and deck coatings, application of dampproofing or waterproofing, and installation of roof insulation panels and other roof insulation systems above roof deck.

L-44 IRRIGATION SYSTEMS

Excavate, trench, bore, backfill and grade as necessary for installation of irrigation systems.

Installation, repair and maintenance of irrigation systems to distribute water for the purpose of irrigation, dust and soil erosion control, using equipment, materials and fittings common to the industry. This includes electrical control panels and apparatus which are an integral part of the irrigation system.

Installation of backflow prevention devices, hose bibs, service lines and connections to potable water lines from source of supply are permitted only when they are an integral part of the irrigation system.

Installation of electric wiring and related fixtures of 110 volts or less for irrigation projects is included. All electrical work is limited to exterior use and only that work necessary to complete an irrigation project. Electrical work shall terminate at the service panel. New circuits may be added to the existing service panel but the installation of a new service is excluded.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-45 SHEET METAL

Fabrication, installation, and repair of architectural and general products made of sheet metal common to the trade.

Includes layout, cutting, fabrication, fabricating and installation of sheet metal products; assembly and installation of pre-manufactured sheet metal products; facsimile items such as plastic skylights and fiberglass ducts and fittings; and bracing and reinforcing materials.

L-48 CERAMIC, PLASTIC AND METAL TILE

Installation and repair of non-structural bearing clay, glass, mosaics, metal, plastic, marble, terrazzo, slate, and other cement types of tile common to the industry installed for sanitary and decorative purposes; and setting of accessories and decorative inserts of various materials applied to surfaces by conventional methods.

Placing ~~Plae~~ setting beds, laying, cutting, setting, and grouting tile used for all interior and exterior structure surfaces.

Includes caulking and installing various types of expansion joints and divider strips within and abutting tile work. Installation of shower doors and tub enclosures are included when a part of the original contract.

L-49 COMMERCIAL, INDUSTRIAL REFRIGERATION

Installation, alteration, and repair of refrigeration equipment and systems used for processing, storage, and display of food products and other perishable commodities.

Includes commercial, industrial, and manufacturing processes requiring refrigeration excluding comfort air conditioning.

Systems may also include the following areas of work and related equipment: temperature, safety and capacity controls, thermal insulation, vibration isolation materials and devices; water treatment devices; construction and installation of walk-in refrigeration boxes, liquid fuel piping and tanks, water and gas piping from equipment to service connection; and testing and balancing of refrigeration equipment and systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-53 WATER WELL DRILLING

Drill new water wells or deepen existing water wells by use of standard practices including the use of cable tools, compressed air percussion, rotary, air rotary, or reverse circulation rotary methods. Includes installing casing, gravel pack, perforating and sanitary seals. Repair existing wells by sand pumping, jetting, acidizing, swabbing, clean out, re-perforating, swaging, installation of annealed lines, and the removal of debris.

Includes photographing interior of wells with appropriate equipment. Installation of jet and submersible pumps; electrical pump controls and wiring from pump equipment to first readily accessible disconnect; and water line to storage or pressure tank, not to exceed 50 linear feet. Use of a test pump to in-develop developing a new well, or repair an of existing well, when provided in contract, is limited to 5 horsepower.

Installation of concrete pump bases not to exceed 50 square feet.

Installation of protective fencing when included in original contract.

L-54 WATER CONDITIONING EQUIPMENT

Installation, repair, and maintenance of water conditioning equipment, piping, fittings and valves necessary to connect a water conditioner unit to existing piping.

Installation and repair of indirect waste pipe carrying brine, backwash, and rinse water to the point of disposal only.

All trenching, back filling, and grading necessary for the installation of piping for a water conditioning unit only.

Installation and repair of electrical control panels (plug-in type) and apparatus of less than 25 volts and/or 100 watts (in other than hazardous locations or in raceways) and required grounding devices.

Installation of exchange tanks and necessary piping.

Installation of concrete supports for water conditioning units only.

L-56 WELDING

The performance of welding techniques by the use of processes common to the industry, including general on site job layout, cutting, and assembly.

L-57 WRECKING

Demolition, dismantling, and removal of structures not intended for reuse, the erection of temporary ramps, barricades, and pedestrian walkways when required for a wrecking project.

The use of explosives is excluded.

L-58 COMFORT HEATING, VENTILATING, EVAPORATIVE COOLING

Installation, alteration, and repair of warm air heating systems, gas fired furnaces and space heaters, ventilation and evaporative cooling units, or any combination of these.

Systems may include, but are not limited to, the following areas of work and related equipment: duct work, air filtering devices, pneumatic or electrical controls, control piping, thermal and acoustical insulation, vibration isolation materials and devices, liquid fuel piping and tanks, water and gas piping from service connection to equipment it serves. Testing and balancing of air handling systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-60 FINISH CARPENTRY

Installation, alteration, repair and finishing of all millwork including cabinets, counter tops, case sash, door trim, wood flooring, and other materials common to the industry.

L-61 CARPENTRY, REMODELING AND REPAIRS

All rough and finish general carpentry work on new and existing structures, including installation of related hardware and accessories, without dollar limitation. Dollar amount limitation, none.

All general remodeling, additions, replacements, and repairs to existing structures, and pre-manufactured items on existing structures, requiring the use of more than two unrelated trades except. All electrical, plumbing, and air conditioning system mechanical work which shall be sublet to properly licensed contractors. All minor repairs. The replacement or repair of any pre-manufactured items on existing structures, excluding electrical, plumbing and mechanical repairs.

A single contract for remodeling, repair and repairs, or a combination of both, shall not exceed \$50,000 Fifty Thousand Dollars.

L-62 REINFORCING BAR AND WIRE MESH

Installation of reinforcing bar and wire mesh in preparation for placement of concrete materials, including post tensioning.

L-63 APPLIANCES

Installation and repair of appliances that become a fixed part of a structure, after necessary gas, electrical or plumbing lines have been provided by properly licensed contractors.

Installation of Install gas lines from meter to unit only where required due to improper existing pipe size.

Connection of Connect a mobile structure to the existing gas, plumbing, and electrical service facilities. Inspection Inspect and servicing of service gas fired furnaces.

L-64 WOOD FLOOR LAYING AND FINISHING

Installation, replacement, and repair of wood floors using materials and methods common to the industry including preparation of subflooring. Finishing and refinishing wood flooring by sanding and applying special surface treatment.

L-65 GLAZING

Assembly, installation, and replacement of glass products.

Installation of steel and aluminum glass holding members, glass products and related hardware.

Installation of standard methods of weatherproofing. Includes caulking, and glazing, sealants, and adhesives, and other standard methods of weatherproofing.

L-67 LOW VOLTAGE COMMUNICATION SYSTEMS

Installation, service, repair, and maintenance of systems and devices of low voltage, including public address; intercommunication systems; telephone switchboards; call systems; master and program clocks (low voltage wiring and needed equipment only); electrical teaching devices; low voltage signaling; master television antennas; closed circuit television, and alarm systems.

Installation, service, repair, and maintenance of both high and low level electronic or electrical control devices that are associated with above systems of low voltage.

Erection of towers on buildings for television antennas.

L-74 BOILERS, STEAMFITTING AND PROCESS PIPING, INCLUDING SOLAR

Installation, alteration, and repair of steam and hot water systems and boilers including solar. Also included are chimney connections, flues, refractories, burners, piping, fittings, valves, thermal insulation and accessories; fuel and water lines from source of supply to boilers; process and specialty piping and related equipment; pneumatic and electrical controls, and electrical power wiring from the equipment it serves back to the first disconnect switch electrically adjacent to that equipment.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

L-77 PLUMBING INCLUDING SOLAR

Installation, alteration, and repair of all plumbing including solar, when performed solely within property lines and not on public easements or right-of-ways except as hereinafter provided.

Installation, alteration, and repair of all piping, fixtures and appliances related to water supply, including pressure vessels and tanks (excluding municipal or related water supply systems); venting and sanitary drainage systems for all fluid, and semi-fluid, and organic wastes; septic tanks and leaching lines; roof leaders; lawn sprinkler sys-

tems; water conditioning equipment; piping and equipment for swimming pools.

Also included are piping, fixtures, appliances, and pressure vessels for manufactured and natural gases, compressed air and vacuum systems, petroleum, fuel oil, and non-potable liquids, hot water heating and hot water supply systems operating at pressures not exceeding 30 PSIG or temperatures not exceeding 220 degrees F.; steam heating and steam supply systems not exceeding 15 PSIG operating pressure; gas or oil fired space heaters and furnaces excluding duct work. Piping for water cooling systems, excluding the refrigerant piping and equipment. Testing and balancing of hydronics systems.

Sewer, gas, and water lines, and connections from structure to the nearest point of public supply or disposal may cross public or private easements or be installed within private easements. Pipe installed across public property may not be increased in size or make any other connection between the point of exit from private property to point of connection at public supply or disposal. These lines shall not be installed parallel to main lines in public easements or right-of-ways.

L-78 SOLAR PLUMBING LIQUID SYSTEMS ONLY

Installation, alteration, and repair of solar water heating systems operating at temperatures not exceeding 220 degrees F., including systems to include thermosyphon, direct (open loop), and indirect (closed loop), but excludes air as a transfer medium.

Includes installation of collectors, storage and expansion tanks, heat exchangers, piping valves, pumps, sensors and low voltage controls which connect to existing plumbing and electrical stub-outs at the water tank location.

Installation of solar water heating systems for swimming pools which tie into and operate from the conventional pool systems, but excludes all non-solar plumbing, electrical and mechanical systems and components.

Installation of back-up and auxiliary heating systems only when such systems are included in the original contract and when such systems are an integral part of the solar collector or storage equipment.

L-79 AIR CONDITIONING AND REFRIGERATION INCLUDING SOLAR

Installation, alteration, and repair of refrigeration and evaporative cooling systems, including solar.

Installation, alteration, and repair of heating systems of "wet", "dry" or radiant type. "Wet" systems include steam, or hot water boilers and coils, or baseboard convectors and are limited to 30 PSIG operating pressure of 220 degrees F. for hot water and 15 PSIG operating pressure for steam. Dry systems include gas Gas fired furnaces and space heaters.

Installation, alteration, and repair of ventilation systems.

Installation of these These systems include duct work, air filtering devices, water treatment devices, pneumatic or electrical controls, and control pip-

Arizona Administrative Register
Notices of Final Rulemaking

ing. Thermal and acoustical insulation, vibration isolation materials and devices, liquid fuel piping and tanks, and water and gas piping from service connection to equipment it serves. Testing and balancing of refrigerant, cooling and heating circuits, and air handling systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

R4-9-103. Residential Contracting License Classifications and Scopes of Work

Under the rule making power given to the Registrar under A.R.S. § 32-1105, the following is the scope of work which may be done under the classifications as shown. Within the following license classifications the "R" designation means that the licensee's scope of work is limited to the description stated in the license title.

A. Residential contracting license classifications. License classifications for residential contractors are as follows:

GENERAL RESIDENTIAL CONTRACTING

B- General Residential Contractor

B-3 General Remodeling and Repair Contractor

B-4 General Residential Engineering Contractor

B-4R Corrosion Control

B-4R Sport Court Accessories

B-4R Soil Stabilization

B-5R General Swimming Pool Contractor

B-5R Swimming Pool Covers

B-5R Fiberglassing of Swimming Pools

B-5R Reservoir Linings and Covers

B-5R Factory Fabricated Pools and Accessories

B-6 General Swimming Pool Contractor,

Including Solar

B-10 Pre-Manufactured Spas and Hot Tubs

SPECIALTY RESIDENTIAL CONTRACTING

C-1 Acoustical Systems

C-2 Excavating, Grading and Oil Surfacing

C-3 Awnings and Canopies

C-4 Boilers, Including Solar

C-4R Boilers

C-5 (As Restricted By The Registrar)

C-6 Swimming Pool Service and Repair

C-7 Carpentry

C-7R Doors, Gates, Windows and Accessories

C-7R Removable Formwork and Shoring

C-7R Nailing and Stapling

C-8 Floor Covering

C-8R Wood Flooring

C-8R Carpet

C-8R Composition Flooring

C-8R Non-Conventional Floor Covering

C-8R Ceramic and Clay Floor Covering

C-9 Concrete

C-9R Guniting and Shotcrete

C-9R Lightweight Concrete

C-9R Fence Footings

C-9R Pre-Cast Concrete

C-9R Sawing, Coring, Epoxy Panels and Bonding

C-9R Terrazzo

C-10 Drywall

C-11 Electrical

C-12 Low Voltage Communication Systems

C-13 Asphalt Paving

C-13R Asphalt Coating and Parking Appurtenances

C-14 Fencing

C-14R Fencing Other Than Masonry

C-15 Blasting

C-16 Fire Protection

C-16R CO₂ Dry and Wet Chemical Systems

C-17 Structural Steel and Aluminum

C-17R Steel Floor, Sub Floor and Form Systems

C-17R Welding

C-17R Ornamental Metals

C-17R Tanks

C-17R Recreational Equipment

C-17R Rebar and Wire Mesh

C-18 Elevators

C-21 Landscaping and Irrigation Systems

C-21R Landscaping

C-21R Irrigation Systems

C-22 House Moving

C-22R Wrecking

C-29 (As Restricted By The Registrar)

C-30 Finish Carpentry

C-30R Kitchen and Bathroom Components

C-30R Doors, Windows, Gates, Tub and Shower

Enclosures

C-30R Cultured Marble

C-30R Weatherstripping

C-31 Masonry

C-31R Flagstone

C-31R Stone Masonry

C-34 Painting and Wall Covering

C-34R Surface Preparation and Waterproofing

C-34R Wallpaper

C-36 Plastering

C-36R Swimming Pool Plastering

C-36R Lathing

C-37 Plumbing, Including Solar

C-37R Plumbing

C-37R Built-In Central Vacuum Systems

C-37R Kitchen and Bathroom Fixture Refinishing

C-37R Swimming Pool Plumbing and Equipment

C-37R Gas Piping

C-37R Sewers, Drains and Pipe Laying

C-37R Water Conditioning Equipment

C-37R Solar Plumbing Liquid Systems Only

C-38 Signs

C-39 Air Conditioning and Refrigeration, Including Solar

C-39R Air Conditioning and Refrigeration

C-39R Gas Refrigeration

C-39R Temperature Control Systems

C-39R Warm Air Heating, Evaporative Cooling and Ventilating

C-39R Evaporative Cooling and Ventilators

C-39R Pre-Coolers

C-40 Insulation

C-40R Foam Insulation

C-41 Sewage Treatment Systems

C-41R Precast Waste Treatment Systems

C-42 Roofing

C-42R Foam and Foam Panel Roofing

C-42R Liquid Applied Roofing

C-42R Roofing Shingles and Shakes

C-45 Sheet Metal

C-45R Premanufactured Fireplaces

C-48 Ceramic, Plastic and Metal Tile

C-48R Swimming Pool Tile

C-53 Drilling

C-61 Limited Remodeling and Repair Contractor

C-62 Minor Home Improvements

C-63 Appliances

C-65 Glazing

C-65R Skylights

C-65R Storm Windows and Doors

C-65R Mirrors

C-65R Window Treatment

C-68 Mobile Home Remodeling and Repair

B. RESIDENTIAL CONTRACTING SCOPES. The "R" designation means that the licensee's scope of work is restricted to the description stated in the license title. The scope of work which may be done under the residential contracting license classifications is as follows:

B- GENERAL RESIDENTIAL BUILDING CONTRACTOR

Construction of all or any part of a residential structure or appurtenance, except for electrical, plumbing, air conditioning systems ~~mechanical~~, boilers, swimming pools, ~~or~~ spas, and roofing (except shingles and shakes) which must be subcontracted to an appropriately licensed contractor. Also included are the scopes of work in B-3 and most of the C scopes except as restricted above.

B-3 GENERAL REMODELING AND REPAIR CONTRACTOR

Remodeling or repair of an existing residential structure or appurtenance except for electrical, plumbing, mechanical, boilers, swimming pools or spas which must be subcontracted to an appropriately licensed contractor. The scope of work allowed under the C-7 carpentry classification is included within this scope.

B-4 GENERAL RESIDENTIAL ENGINEERING CONTRACTOR

Construction and repair of appurtenances to residential structures. This scope includes all B-4R subclassifications.

B-4R Corrosion Control

B-4R Sport Court Accessories

B-4R Soil Stabilization

B-5 GENERAL SWIMMING POOL CONTRACTOR

Construction and repair of swimming pools and spas. Installation of fencing around the swimming pool or spa and installation of utilities from the point of service to the pool equipment ~~are included~~. Construction of other structures or appurtenances is excluded. This scope includes all B-5R subclassifications.

B-5R Swimming Pool Covers

B-5R Fiberglassing of Swimming Pools

B-5R Reservoir Linings & Covers

B-5R Factory Fabricated Pools & Accessories

B-6 GENERAL SWIMMING POOL CONTRACTOR, INCLUDING SOLAR

The scope of work allowed in this classification is the same as B-5 (including all B-5R subclassifications) with the inclusion of solar heating devices.

B-10 PRE-MANUFACTURED SPAS AND HOT TUBS

Construction and repair of spas and hot tubs. Installation of fencing around the spa or hot tub and installation of utilities from the point of service to the spa equipment are included.

C-1 ACOUSTICAL SYSTEMS

Installation and repair of acoustical wall and ceiling systems, excluding electrical.

C-2 EXCAVATING, GRADING AND OIL SURFACING

Installation, alteration, and repair of earthen material by digging, trenching, grading, or compacting the material for a cut, fill, grade, or trench. Oil surfacing may be applied over base materials.

C-3 AWNINGS AND CANOPIES

Installation and repair of metal, fabric, fiberglass, and plastic window awnings, door hoods, free-standing or attached canopies, carport and patio covers.

Installation or repair of screened and paneled enclosures, not intended for use as habitable spaces, using metal panels, plastic inserts, and screen doors. A minimum of 60% of wall area of an enclosure shall be constructed of screening material.

Installation or repair of fascia panels, flashing, and skirting.

Installation or repair of exterior detached metal storage units. The placing of concrete footings and concrete slabs are permitted only when intended for patio covers, screened-in porches and metal storage units when included in the same contract.

Excluded is any structural member which itself weighs more than 6 pounds per lineal foot.

All electrical, plumbing, and air conditioning systems are excluded. Installation of repair of awnings, canopies, carport covers and patio covers, including related hardware, accessories, fascia panels, screening and other materials common to the industry. Structural members may not exceed 6 pounds per foot on patio or carport covers.

C-4 BOILERS, INCLUDING SOLAR

Installation and repair of steam and hot water boilers.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel. This scope includes the C-4R subclassification.

C-4R Boilers

C-5 LIMITED SPECIALTY (AS RESTRICTED BY THE REGISTRAR)

Limited specialty classification limits the contractor to a field and scope of operation for which the applicant is qualified other than those listed.

C-6 SWIMMING POOL SERVICE AND REPAIR

Service and minor repair of residential pools and accessories, excluding plumbing connections to a potable water system, gas lines, gas chlorine systems, and electrical work beyond the 1st disconnect.

C-7 CARPENTRY

Installation and repair of rough and finish general carpentry work on new and existing structures including accessories and related hardware common to the industry. This scope includes all C-7R subclassifications.

C-7R Doors, Gates, Windows and Accessories

C-7R Removable Formwork and Shoring

C-7R Nailing and Stapling

C-8 FLOOR COVERING

Installation and repair of floor covering materials and accessories. This scope includes all C-8R subclassifications.

C-8R Wood Flooring

C-8R Carpet

C-8R Composition Flooring

C-8R Non-conventional Floor Covering

C-8R Ceramic and Clay Floor Covering

C-9 CONCRETE

Installation and repair of concrete, concrete products, and accessories common to the industry. This scope includes all C-9R subclassifications.

- C-9R Guniting and Shotcrete
- C-9R Lightweight Concrete
- C-9R Fence Footings
- C-9R Pre-Cast Concrete
- C-9R Sawing, Coring, Epoxy Panels and Bonding
- C-9R Terrazzo

C-10 DRYWALL

Installation, repair, taping, and texturing of gypsum wallboard, including lightweight non-bearing wall partitions and ceiling grid support systems for drywall.

C-11 ELECTRICAL

Installation and repair of electrical systems.

C-12 LOW VOLTAGE COMMUNICATION SYSTEMS

Installation and repair of low voltage alarm, intercom, telephone, call, clock and television systems, including towers and antennas.

C-13 ASPHALT PAVING

Installation and repair of paved areas using materials and methods common to the industry, including but not limited to asphalt curbs, concrete bumper curbs, redwood headers, and striping. This scope includes the C-13R subclassification.

- C-13R Asphalt Coating and Parking Appurtenances

C-14 FENCING

Installation and repair of fencing and low voltage electrical fence protective devices of less than 25 volts, 100 watts, or both. Concrete masonry units cannot exceed 6' feet in height excluding footings, nor can they be used for retaining wall purposes. This scope includes the C-14R subclassification.

- C-14R Fencing Other than Masonry

C-15 BLASTING

Use of explosives for movement of earthen materials or for demolition.

C-16 FIRE PROTECTION SYSTEMS

Installation and repair of approved types of fire prevention and fire protection systems including all mechanical apparatus, devices, piping, low voltage signaling systems, and equipment common to the industry. Installation of all other electrical devices, apparatus, and wiring must be subcontracted to a properly licensed contractor. This scope includes the C-16R subclassification.

- C-16R CO₂, Dry and Wet Chemical Systems

C-17 STRUCTURAL STEEL AND ALUMINUM

Installation and repair of architectural and structural shapes and members as common to the industry, including reinforcing steel which that may be used as structural members for buildings, equipment, and structures. This scope includes all C-17R subclassifications.

- C-17R Steel Floor, Sub Floor and Form Systems
- C-17R Welding
- C-17R Ornamental Metals
- C-17R Tanks
- C-17R Recreational Equipment
- C-17R Rebar, Post Tensioning and Wire Mesh

C-18 ELEVATORS

Installation and repair of elevator systems.

C-21 LANDSCAPING AND IRRIGATION SYSTEMS

Preparation and alteration of land for horticulture and arboriculture. Installation of irrigation systems and controls. Carpentry is limited to decorative fences and screens, planter boxes, and plant tubs common to the industry. Excluded are retaining walls over 3 feet 3", decorative walls or fences over 6 feet 6", perimeter walls, and fences, electrical beyond the existing panel and load bearing slabs and walkways.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel. This scope includes all C-21R subclassifications.

- C-21R Landscaping
- C-21R Irrigation Systems

C-22 HOUSE MOVING

Disconnection of utilities is permitted, but connection of utilities and construction of foundations are not. This scope includes the C-22R subclassification.

- C-22R Wrecking

C-29 MACHINERY (AS RESTRICTED BY THE REGISTER)

The scope of work allowed under the C-4, C-11, C-37, and C-39 classifications is excluded.

C-30 FINISH CARPENTRY

Installation, repair, and finishing of cabinets, counter-tops, case sash, door trim, wood flooring, and other mill-work. This scope includes all C-30R subclassifications.

- C-30R Kitchen and Bathroom Components
- C-30R Doors, Windows, Gates, Tub and Shower Enclosures
- C-30R Cultured Marble
- C-30R Weatherstripping

C-31 MASONRY

Installation of, with or without mortar, stone, structural glass, brick, block, baked clay, or other products common to the industry. This scope includes all C-31R subclassifications.

- C-31R Flagstone
- C-31R Stone Masonry

C-34 PAINTING AND WALL COVERING

Surface preparation and application of materials common to the painting and decorating industry for protective and/or decorative purposes. Wall coverings, except ceramic tile, are included. This scope includes all C-34R subclassifications.

- C-34R Surface Preparation and Waterproofing
- C-34R Wallpaper

C-36 PLASTERING

Installation and repair of plaster materials common to the industry. Installation of lath products, including wall partitions and ceiling grids, to provide a key or suction type bond for the various types of type plaster coatings. This scope includes all C-36R subclassifications.

- C-36R Swimming Pool Plastering
- C-36R Lathing

C-37 PLUMBING, INCLUDING SOLAR

Installation and repair of water and gas piping systems, fire protection systems, and sewage treatment systems. Included are all fixtures, vents, and devices common to the industry, as well as solar applications. This scope includes all C-37R subclassifications.

- C-37R Plumbing
- C-37R Built-in Central Vacuum Systems
- C-37R Kitchen and Bathroom Fixture Refinishing

Arizona Administrative Register
Notices of Final Rulemaking

- C-37R Swimming Pool Plumbing and Equipment
C-37R Gas Piping
C-37R Sewers, Drains and Pipe Laying
C-37R Water Conditioning Equipment
C-37R Solar Plumbing Liquid Systems Only
- C-38 SIGNS
Installation and repair of signs, excluding any electrical wiring beyond the 1st adequate power outlet accessible and adjacent to the sign.
- C-39 AIR CONDITIONING AND REFRIGERATION, INCLUDING SOLAR
Installation and repair of comfort air conditioning systems, including refrigeration, evaporative cooling, ventilating, and heating with or without solar equipment. Installation and repair of machinery, units, accessories, ~~and controls in refrigerators, refrigerator rooms, and insulated refrigerator spaces, and controls in refrigerators.~~
If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel. This scope includes all C-39R subclassifications.
- C-39R Air Conditioning and Refrigeration
C-39R Gas Refrigeration
C-39R Temperature Control Systems
C-39R Warm Air Heating, Evaporative Cooling and Ventilating
C-39R Evaporative Cooling and Ventilators
C-39R Pre-Coolers
- C-40 INSULATION
Installation of insulating materials common to the industry for the purpose of temperature or sound control, excluding any exterior roofing materials such as foam and reflective coating. This scope includes the C-40R subclassification.
- C-40R Foam Insulation
- C-41 SEWAGE TREATMENT SYSTEMS
Installation and repair of sewage treatment systems, septic tanks, cesspools, and leach fields, in compliance with the requirements of the responsible Health Department. This scope includes the C-41R subclassification.
- C-41R Precast Waste Treatment Systems
- C-42 ROOFING
Installation and repair of materials common to the industry that form a water tight, weather resistant surface for roofs and decks, including all accessories, flashing, valleys, gravel stops, and roof insulation panels above the roof deck. This scope includes all C-42R subclassifications.
- C-42R Foam and Foam Panel Roofing
C-42R Liquid Applied Roofing
C-42R Roofing Shingles and Shakes
- C-45 SHEET METAL
Installation and repair of sheet metal, aluminum, plastic, and fiberglass products common to the industry. This scope includes the C-45R subclassification.
- C-45R Premanufactured Fireplaces
- C-48 CERAMIC, PLASTIC AND METAL TILE
Installation and repair of ceramic and facsimile tile products common to the industry. This scope includes the C-48R subclassification.
- C-48R Swimming Pool Tile
- C-53 DRILLING

Installation and repair of wells, including test boring, exploratory drilling and all materials and devices common to the industry.

- C-61 LIMITED REMODELING AND REPAIR CONTRACTOR
Remodeling or repairs to existing structures or appurtenances, excluding swimming pools or spas, not to exceed ~~\$25,000~~ \$15,000 per project per dwelling. Work on electrical, plumbing, air conditioning systems, mechanical ~~or boilers that require which requires~~ a building permit must be subcontracted to an appropriately licensed contractor. The scope of work allowed under the C-7 carpentry classification is included.
- C-62 MINOR HOME IMPROVEMENTS
Remodeling, repairs, and improvements to existing structures or appurtenances not to exceed \$2,500 for labor and materials per project per dwelling or appurtenance. The minor home improvement contractor shall not perform structural work to any existing structures or appurtenances, including load bearing masonry or concrete work (with the exception of on-grade flat work), and load bearing carpentry work (with the exception of patio or porch covers). All electrical, plumbing, air conditioning, heating, ~~boiler, boilers~~ and roofing work shall be performed by an appropriately licensed contractor.
- C-63 APPLIANCES
Installation and repair of appliances. Included is the connection of a mobile home to existing gas, plumbing, and electrical services, ~~installed by a properly licensed contractor.~~
- C-65 GLAZING
Installation and repair of glass, glass products, plastics, frames, holding members, and all materials common to the industry. This scope includes all C-65R subclassifications.
- C-65R Skylights
C-65R Storm Windows and Doors
C-65R Mirrors
C-65R Window Treatment
- C-68 MOBILE HOME REMODELING AND REPAIR
Repair or remodeling of mobile homes. After installation, to do mobile home repair or remodeling. Site work is excluded, as well as remodeling which will increase floor area.

R4-9-104. Dual Contracting License Classifications and Scopes of Work

- A. Dual license contracting classifications. License classifications for dual contractors are as follows:**

GENERAL DUAL ENGINEERING CONTRACTING

- KA- Dual Engineering**
KA-5 Dual Swimming Pool Contractor
KA-6 Dual Swimming Pool Contractor Including Solar
KE- (As restricted by Registrar)

GENERAL DUAL LICENSE CONTRACTING

- KB-1 Dual Building Contractor**
KB-2 Dual Residence and Small Commercial
KO- (As restricted by Registrar)

SPECIALTY DUAL LICENSE CONTRACTING

- K-1 Acoustical Systems**
K-2 Excavating, Grading and Oil Surfacing
K-3 Awnings, Canopies, Carport and Patio Covers
K-4 Boilers, Steamfitting and Process Piping
K-5 (As restricted by Registrar)
K-6 Swimming Pool Service and Repair

Notices of Final Rulemaking

- K-7 Carpentry
- K-8 Floor Covering
- K-9 Concrete
- K-10 Drywall
- K-11 Electrical
- K-12 Elevators
- K-13 Carpet
- K-14 Fencing
- K-15 Blasting
- K-16 Fire Protection Systems
- K-17 Steel and Aluminum Erection
- K-21 Landscaping and Irrigation Systems
- K-24 Ornamental Metal
- K-26 Landscaping
- K-29 Machinery (As restricted by Registrar)
- K-31 Masonry
- K-34 Painting
- K-36 Plastering
- K-37 Plumbing
- K-38 Signs
- K-39 Air Conditioning, Refrigeration and Heating
- K-40 Insulation
- K-41 Septic Tanks and Systems
- K-42 Roofing
- K-44 Irrigation Systems
- K-45 Sheet Metal
- K-48 Ceramic, Plastic and Metal Tile
- K-53 Water Well Drilling
- K-54 Water Conditioning Equipment
- K-56 Welding
- K-57 Wrecking
- K-58 Comfort Heating, Ventilating, Evaporative Cooling
- K-60 Finish Carpentry
- K-61 Carpentry, Remodeling and Repairs
- K-62 Reinforcing Bar and Wire Mesh
- K-63 Appliances
- K-64 Wood Floor Laying and Finishing
- K-65 Glazing
- K-66 Seal Coating
- K-67 Low Voltage Communication Systems
- K-69 Asphalt Paving
- K-74 Boilers, Steamfitting and Process Piping, including Solar
- K-77 Plumbing including Solar
- K-78 Solar Plumbing Liquid Systems Only
- K-79 Air Conditioning and Refrigeration including Solar
- K-80 Sewers, Drains and Pipe Laying

B. Dual license contracting scopes. The scope of work which may be done under the dual license contracting classifications allow a contractor to combine commercial and residential contracting licenses in one license. These classifications are as follows:

KA- DUAL ENGINEERING

This classification allows the scope of work permitted by the commercial A- General Engineering and the B-4 General Residential Engineering licenses.

KA-5 DUAL SWIMMING POOL CONTRACTOR

This classification allows the scope of work permitted by the commercial A-9 Swimming Pools and the residential B-5 General Swimming Pool licenses.

KA-6 DUAL SWIMMING POOL CONTRACTOR INCLUDING SOLAR

This classification allows the scope of work permitted by the commercial A-19 Swimming Pools, Including Solar and the residential B-6 General Swimming Pools, Including Solar licenses.

KE- (AS RESTRICTED BY REGISTRAR)

KB-1 DUAL BUILDING CONTRACTOR

This classification allows the scope of work permitted by the B-1 General Commercial Contractor and the B- General Residential Contractor licenses.

KB-2 DUAL RESIDENCE AND SMALL COMMERCIAL

This classification allows the scope of work permitted by the B-2 General Small Commercial and the B- General Residential Contractor licenses.

KO- (AS RESTRICTED BY REGISTRAR)

K-1 ACOUSTICAL SYSTEMS

This classification allows the scope of work permitted by the commercial L-1 Acoustical Systems and the residential C-1 Acoustical Systems licenses.

K-2 EXCAVATING, GRADING AND OIL SURFACING

This classification allows the scope of work permitted by the commercial A-5 Excavating, Grading, and Oil Surfacing and the residential C-2 Excavating, Grading, and Oil Surfacing licenses.

K-3 AWNINGS, CANOPIES, CARPORT AND PATIO COVERS

This classification allows the scope of work permitted by the commercial L-3 Awnings, Canopies and Carports and Patio Covers and the residential C-3 Awnings and Canopies licenses.

K-4 BOILERS, STEAMFITTING AND PROCESS PIPING

This classification allows the scope of work permitted by the commercial L-4 Boilers, Steamfitting and Process Piping and the residential C-4R Boilers licenses.

K-5 (AS RESTRICTED BY REGISTRAR)

K-6 SWIMMING POOL SERVICE AND REPAIR

This classification allows the scope of work permitted by the commercial L-6 Swimming Pool Service and Repair and the residential C-6 Swimming Pool Service and Repair licenses.

K-7 CARPENTRY

This classification allows the scope of work permitted by the commercial L-7 Carpentry and the residential C-7 Carpentry licenses.

K-8 FLOOR COVERING

This classification allows the scope of work permitted by the commercial L-8 Floor Covering and the residential C-8 Floor Covering licenses.

K-9 CONCRETE

This classification allows the scope of work permitted by the commercial L-9 Concrete and the residential C-9 Concrete licenses.

K-10 DRYWALL

This classification allows the scope of work permitted by the commercial L-10 Drywall and the residential C-10 Drywall licenses.

K-11 ELECTRICAL

This classification allows the scope of work permitted by the commercial L-11 Electrical and residential C-11 Electrical licenses.

K-12 ELEVATORS

- This classification allows the scope of work permitted by the commercial L-12 Elevators and the residential C-18 Elevators licenses.
- K-13 CARPET**
This classification allows the scope of work permitted by the commercial L-13 Carpets and the residential C-8R Carpet licenses.
- K-14 FENCING**
This classification allows the scope of work permitted by the commercial L-14 Fencing and the residential C-14 Fencing licenses.
- K-15 BLASTING**
This classification allows the scope of work permitted by the commercial A-3 Blasting and the residential C-15 Blasting licenses.
- K-16 FIRE PROTECTION SYSTEMS**
This classification allows the scope of work permitted by the commercial L-16 Fire Protection Systems and the residential C-16 Fire Protection licenses.
- K-17 STEEL AND ALUMINUM ERECTION**
This classification allows the scope of work permitted by the commercial A-11 Steel and Aluminum Erection and the residential C-17 Structural Steel and Aluminum licenses.
- K-21 LANDSCAPING AND IRRIGATION SYSTEMS**
This classification allows the scope of work permitted by the commercial A-21 Landscaping and Irrigation Systems and the residential C-21 Landscaping and Irrigation Systems licenses.
- K-24 ORNAMENTAL METALS**
This classification allows the scope of work permitted by the commercial L-24 Ornamental Metals and the residential C-17R Ornamental Metals licenses.
- K-26 LANDSCAPING**
This classification allows the scope of work permitted by the commercial L-26 Landscaping and the residential C-21R Landscaping licenses.
- K-29 MACHINERY (AS RESTRICTED BY THE REGISTER)**
- K-31 MASONRY**
This classification allows the scope of work permitted by the commercial L-31 Masonry and the residential C-31 Masonry licenses.
- K-34 PAINTING**
This classification allows the scope of work permitted by the commercial L-34 Painting and Wallcovering and the residential C-34 Painting and Wallcovering licenses.
- K-36 PLASTERING**
This classification allows the scope of work permitted by the commercial L-36 Plastering and the residential C-36 Plastering licenses.
- K-37 PLUMBING**
This classification allows the scope of work permitted by the commercial L-37 Plumbing and the residential C-37R Plumbing licenses.
- K-38 SIGNS**
This classification allows the scope of work permitted by the commercial L-38 Signs and the residential C-38 Signs licenses.
- K-39 AIR CONDITIONING AND REFRIGERATION**
This classification allows the scope of work permitted by the commercial L-39 Air Conditioning and Refrigeration and the residential C-39R Air Conditioning and Refrigeration licenses.
- K-40 INSULATION**
This classification allows the scope of work permitted by the commercial L-40 Insulation and the residential C-40 Insulation licenses.
- K-41 SEPTIC TANKS AND SYSTEMS**
This classification allows the scope of work permitted by the commercial L-41 Septic Tanks and Systems and the residential C-41 Sewage Treatment and Systems licenses.
- K-42 ROOFING**
This classification allows the scope of work permitted by the commercial L-42 Roofing and the residential C-42 Roofing licenses.
- K-44 IRRIGATION SYSTEMS**
This classification allows the scope of work permitted by the commercial L-44 Irrigation Systems and the residential C-21R Irrigation Systems licenses.
- K-45 SHEET METAL**
This classification allows the scope of work permitted by the commercial L-45 Sheet Metal and the residential C-45 Sheet Metal licenses.
- K-48 CERAMIC, PLASTIC AND METAL TILE**
This classification allows the scope of work permitted by the commercial L-48 Ceramic, Plastic and Metal Tile and the residential C-48 Ceramic, Plastic and Metal Tile licenses.
- K-53 WATER WELL DRILLING**
This classification allows the scope of work permitted by the commercial L-53 Water Well Drilling and the residential C-53 Drilling licenses.
- K-54 WATER CONDITIONING EQUIPMENT**
This classification allows the scope of work permitted by the commercial L-54 Water Conditioning Equipment and the residential C-37R Water Conditioning Equipment licenses.
- K-56 WELDING**
This classification allows the scope of work permitted by the commercial L-56 Welding and the residential C-17R Welding licenses.
- K-57 WRECKING**
This classification allows the scope of work permitted by the commercial L-57 Wrecking and the residential C-22R Wrecking licenses.
- K-58 COMFORT HEATING, VENTILATING, EVAPORATIVE COOLING**
This classification allows the scope of work permitted by the commercial L-58 Comfort Heating, Ventilating, Evaporative Cooling and the residential C-39R Warm Air Heating, Evaporative Cooling and Ventilating licenses.
- K-60 FINISH CARPENTRY**
This classification allows the scope of work permitted by the commercial L-60 Finish Carpentry and the residential C-30 Finish Carpentry licenses.
- K-61 CARPENTRY, REMODELING AND REPAIRS**
This classification allows the scope of work permitted by the commercial L-61 Carpentry, Remodeling and Repairs and the residential C-61 Limited Remodeling and Repair Contractor licenses.
- K-62 REINFORCING BAR AND WIRE MESH**
This classification allows the scope of work permitted by the commercial L-62 Steel Reinforcing Bar and Wire Mesh and the residential C-17R Rebar and Wire Mesh licenses.

Notices of Final Rulemaking

K-63 APPLIANCES

This classification allows the scope of work permitted by the commercial L-63 Appliances and the residential C-63 Appliances licenses.

K-64 WOOD FLOOR LAYING AND FINISHING

This classification allows the scope of work permitted by the commercial L-64 Wood Floor Laying and Finishing and the residential C-8R Wood Flooring licenses.

K-65 GLAZING

This classification allows the scope of work permitted by the commercial L-65 Glazing and the residential C-65 Glazing licenses.

K-66 SEAL COATING

This classification allows the scope of work permitted by the commercial A-15 Seal Coating and the residential C-13R Asphalt Coating and Parking Appurtenances licenses.

K-67 LOW VOLTAGE COMMUNICATION SYSTEMS

This classification allows the scope of work permitted by the commercial L-67 Low Voltage Communications Systems and the residential C-12 Low Voltage Communication Systems licenses.

K-69 ASPHALT PAVING

This classification allows the scope of work permitted by the commercial A-14 Asphalt Paving and the residential C-13 Asphalt Paving licenses.

K-74 BOILERS, STEAMFITTING AND PROCESS PIPING, INCLUDING SOLAR

This classification allows the scope of work permitted by the commercial L-74 Boilers, Steamfitting and Process Piping, Including Solar and the residential C-4 Boilers Including Solar licenses.

K-77 PLUMBING INCLUDING SOLAR

This classification allows the scope of work permitted by the commercial L-77 Plumbing Including Solar and the residential C-37 Plumbing Including Solar licenses.

K-78 SOLAR PLUMBING LIQUID SYSTEMS ONLY

This classification allows the scope of work permitted by the commercial L-78 Solar Plumbing Liquid Systems Only and the residential C-37R Solar Plumbing Liquid Systems Only licenses.

K-79 AIR CONDITIONING AND REFRIGERATION INCLUDING SOLAR

This classification allows the scope of work permitted by the commercial L-79 Air Conditioning and Refrigeration Including Solar and the residential C-39 Air Conditioning and Refrigeration Including Solar licenses.

K-80 SEWERS, DRAINS AND PIPE LAYING

This classification allows the scope of work permitted by the commercial A-12 Sewers, Drains, and Pipe Laying and the residential C-37R Sewers, Drains and Pipe Laying licenses.

R4-9-104, R4-9-105. Restricted-Unlisted-License Classifications

- A. A restricted limited license licensee is a specialty or general license that specialty contractor whose classification and title when issued confines the scope of allowable contracting work to a specialized area of construction which the Registrar of Contractors grants on a case-by-case basis, in accordance with the express request of an applicant. The restricted licenses designations assigned by the Registrar for any licensee classifications are applied for under this rule shall be either a Class AE, KE, KO, BE, C-5, K-5, L-5, K-29 or L-29. The Registrar assigns assignment of a restricted license limited

classification based upon and scope will be determined by the nature and complexity of the work, the degree of unusual expertise involved and the applicability of to existing classifications to the specialized area of construction.

- B. When applying for a restricted an unclassified license classification, an applicant, if requested, shall submit to the Registrar the following:

1. A detailed statement of the type and scope of contracting work that the applicant proposes to perform.
2. Any Attach any brochures, catalogs, photographs, diagrams, or other material, which the applicant has, that will further clarify the scope of the work that the applicant proposes to perform.

- C. The Registrar shall determine the classification of the restricted license and so notify the applicant of the classification. The applicant must then and license title so he may apply for the restricted required license(s) according to the Registrar of Contractor's application process in accordance with A.R.S. § 32-1122.

- D. A contractor issued a restricted license shall person licensed pursuant to this rule must confine the contractor's his activities as a contractor to the field and scope of operations as described in the license classification, accepted by the Registrar and indicated on the title of the license when issued.

R4-9-105, R4-9-106. Examinations

Examinations are given weekly or more often as prescribed by the Registrar. Unless otherwise exempt or not required, the applicant's qualifying party party qualifying for the applicant must take and pass the appropriate examination examinations with a passing grades of at least 70% for each examination taken.

R4-9-108. Workmanship Standards

- A. All work shall be performed done in a professional and workmanlike manner.

- B. All work shall be performed in those political subdivisions of the state where local authority has adopted a building code, containing express provisions applicable to that aspect of construction work which is the subject of a workmanlike determination, compliance with such codes code shall accordance with any applicable building codes and professional industry standards, constitute good and workmanlike construction for purposes of this rule.

- C. All work performed in In any county, city or town which has those political subdivisions of the state where local authority has not adopted building codes code, or where any adopted building codes do code does not contain specific provisions applicable to that aspect of construction work shall be performed in accordance with professional industry standards and shall comply with the which is the subject of a workmanlike determination, the minimum standards for good, workmanlike construction set forth in subsections Paragraphs (C)(1) through (C)(4) below, of this Subsection, to the extent that provisions pertinent to the aspect of construction work under consideration are contained in such Paragraphs, are adopted for purposes of this rule.

1. In all new construction or remodeling, the minimum standards shall be in accordance with the *Minimum Property Standards for Housing, (M.P.S.) Directive No. 4910.01, U.S. Department of Housing and Urban Development, and Manual of Acceptable Practices of the Federal Housing Administration (F.H.A.) in effect of 1994 (M.P.S.), 1982* as they pertain to construction; and construction design but and not to matters of site design and development of such residential construction.

Notices of Final Rulemaking

2. In all new construction or remodeling, the minimum standards shall be in accordance with the minimum building requirements as set forth in volumes 1, 2, and 3 of the the International Conference of Building Officials, (U.B.C.) Uniform Building Code 1988 Editions 1997 Uniform Building Code, International Conference of Building Officials, 1997 (U.B.C.).
3. In all general engineering work, the minimum standards shall be in accordance with the minimum building requirements as set forth in the U.B.C. International Conference of Building Officials Uniform Building Code, 1988 Editions, and to the Asphalt Institute's Principles of Construction of Hot Mix Asphalt Pavements 1983 Edition the Principles of Construction of Hot Mix Asphalt Pavements, and the Asphalt in Pavement Maintenance, 1983 Edition, of Manual Series No. 22, Asphalt Institute, January 1983 and to Asphalt in Pavement Maintenance, Manual Series No. 16, The Asphalt Institute, March 1983 as they pertain to construction and to matters of design and site development.
4. Plumbing, electrical, and mechanical refrigeration work shall be governed as follows:
 - a. Plumbing: The minimum standards in the plumbing field shall be in accordance with the 1988 Edition of the International Association of Plumbing and Mechanical Officials of the Uniform Plumbing Code, International Association of Plumbing and Mechanical Officials, 1997 (U.P.C.).
 - b. Electrical: The minimum standards in the electrical field shall be in accordance with the 1996 National Electrical Code, National Fire Protection Association (NFPA 70-1996), 1995 (N.E.C.) 1987 Edition of the National Electrical Code of the National Fire Protection Association.
 - c. Mechanical Refrigeration: The minimum standards in the mechanical refrigeration field shall be in accordance with the 1997 1988 Edition of the Uniform Mechanical Code, International Conference of Building Officials, 1997 (U.M.C.) of the International Association of Plumbing and Mechanical Officials and International Conference of Building Officials.
5. The codes and industry manuals, and no future amendments and additions, referred to in subsections (C)(1) through (C)(4) above are incorporated herein by reference and on file with the Office of the Secretary of State and the Registrar of Contractors. This incorporation by reference contains no future editions or amendments.

R4-9-111. Repealed General Contractors

- A. No general contractor, except B-4, B-5, B-6 and B-10, shall do work under their general contractor's license that is covered by specialty licenses C-4, C-11, C-37, or C-39 who has not, prior to the performance of such work, met all qualifications established by the Registrar including passing examinations and meeting the experience requirements for the above numbered specialty license.

R4-9-112. Bond Limits; Applications; Renewals; Increases and Decreases of Bond Amounts; Effective Date of Bond and Deposits and regulations

- A. Bond limits. In accordance with the provisions of A.R.S. § 32-1152, contractor's license bonds are established in the following amounts as based upon the gross volume of work contemplated by the licensee within the State of Arizona for the ensuing fiscal year:

License Category	Contemplated Gross Volume (Per License Category)	Bond Amount
1. Residential General Contractors	\$150,000 or less	\$5,000
	In Excess of \$150,000 but not more than \$750,000	\$9,000
	Over \$750,000	\$15,000
2. Residential Specialty Contractors	\$100,000 or less	\$1,000
	In excess of \$100,000 but not more than \$375,000	\$4,250
	Over \$375,000	\$7,500
1.3. General Commercial General Contractors Contracting and Engineering Contracting (Includes General Engineering Contractors)	\$150,000 or less	\$5,000
	In excess of \$150,000 but not more than \$500,000	\$10,000
	In excess of \$500,000 but not more than \$1,000,000	one million \$15,000
	In excess of \$1,000,000	one million but not more than \$5,000,000
	five million	\$40,000
	In excess of \$5,000,000	five million but not more than \$10,000,000
	ten million	\$65,000
	More than Over \$10,000,000	ten million \$90,000
2.4. Specialty Commercial Contracting Specialty Contractors	\$150,000 or less	\$2,500
	In excess of \$150,000 but not more than \$500,000	\$5,000
	In excess of \$500,000 but not more than \$1,000,000	one million \$10,000
	In excess of \$1,000,000	one million but not more than \$5,000,000
	five million	\$20,000
	In excess of \$5,000,000	five million but not more than \$10,000,000
	ten million	\$32,500

Notices of Final Rulemaking

- | | | |
|--|------------------------------------|-----------------|
| | <u>More than Over \$10,000,000</u> | |
| | <u>ten-million-</u> | <u>\$45,000</u> |
3. General Residential Contracting

<u>\$150,000 or less</u>	<u>\$5,000</u>
<u>In excess of \$150,000 but not more than \$750,000</u>	<u>\$9,000</u>
 4. Specialty Residential Contracting

<u>\$100,000 or less</u>	<u>\$1,000</u>
<u>In excess of \$100,000 but not more than \$375,000</u>	<u>\$4,250</u>
<u>More than \$375,000</u>	<u>\$7,500</u>
 5. General Dual License Contracting
The amount of a General Dual Licensed Contracting bond shall be determined under subsection (A)(3) based on the contractor's estimated volume of residential contracting, and subsection (A)(1) based on the contractor's estimated volume of commercial contracting. The contractor shall assure that the bond issuer specify on the bond the amount applicable to residential contracting and the bond amount applicable to commercial contracting.
 6. Specialty Dual License Contracting
A specialty Dual Licensed Contractors bond shall be determined under subsection (A)(4) based on the contractor's estimated volume of specialty residential contracting, and subsection (A)(2) based on the contractor's estimated volume of specialty commercial contracting. The contractor shall assure that the bond issuer specify on the bond the amount applicable to specialty residential contracting and the bond amount applicable to specialty commercial contracting.
- B. New applications. On all new applications for any category classification of license, listed above, the applicant shall estimate his anticipated gross volume of work within the State of Arizona for the remainder of the present fiscal year and shall be governed by the bond requirements of this Section, hereinabove set forth as they apply to the applicant's his particular category classification of license. The filing of a bond or deposit in a specified amount shall be deemed to be the equivalent of submitting a volume estimate within the dollar limitations applicable for such bond amount.
 - C. Renewal. All estimates made for renewal of licenses shall be made on in such manner and upon a form acceptable to the Registrar of Contractors. The contractor's filing or continuation of a bond or deposit in a specified amount shall be deemed to be the equivalent of submitting a volume estimate within the dollar limitations applicable for such bond amount. The Registrar of Contractors is not responsible for over or under estimates of volume of work made by the licensee or for the sufficiency of any bond or deposit. A gross underestimate knowingly made by a licensee shall may be construed as a material misrepresentation and could subject the licensee to suspension or revocation of his license.
 - D. Increases and decreases of bond amounts. The amount of the contractor's license bond may be increased at any time during the fiscal year. However, a surety bond or cash deposit in

lieu of bond cannot be decreased except at the time of renewal for the ensuing fiscal year.

- E. Effective date of bonds and deposits. Surety bonds or cash deposits shall not become operative effective until filed with the Registrar's office. If a surety bond is filed before the effective date of the bond, the bond becomes operative on the effective date, and if the effective date as shown upon the bond is after the date of filing with the Register, then the effective date shown upon the bond shall be the controlling date on which the bond becomes effective.

R4-9-113. Application Process

- A. In accordance with the provisions of A.R.S. § 32-1122 an applicant for licensure shall submit a verified application on form prescribed by the Registrar of Contractors.
- B. The Registrar shall review an application for administrative completeness and mail a written notice within 40 days from the date of receipt.
 1. If no deficiencies are found in the application, the Registrar shall mail a written notice of completeness to the applicant.
 2. If deficiencies are found in the application, the Registrar shall mail a written request for additional information specifically delineating the deficiencies to the applicant. The 40-day time-frame for the Registrar to finish the review for completeness is suspended from the date the notice of deficiencies is mailed until the applicant provides the Registrar with all requested information.
- C. The applicant shall submit all of the deficient information required, or request an extension of time, within 30 days of the date of mailing of the notice of deficiencies.
 1. If the applicant requests an extension of time, that request shall be submitted in writing and be signed by a principal on the application. The request shall specify the reason for the request and why the applicant believes that the applicant will be able to submit the information within 60 days of the date of mailing the notice of deficiencies.
 2. The Registrar shall grant the request for an extension if the Registrar determines that there is a reasonable likelihood that the applicant will be able to submit all information by the end of the extension.
 3. The Registrar shall mail its decision to grant or deny an extension to the applicant within 15 days of receipt of the request. If an extension is granted, it shall not exceed 60 days from the date of the mailing of the notice of deficiencies. If an extension is denied, the notice shall contain an explanation of the reason for denial.
 4. If the applicant does not provide the Registrar with the required information within 30 days from the date of the notice of deficiencies, or 60 days from the date of the notice of deficiencies if the Agency granted the applicant an extension of time, the Agency shall return the application.
- D. The Agency shall complete a substantive review of the applicant's qualifications and grant, deny, or mail a written notice of deficiencies within 20 days after expiration of the administrative completeness review.
 1. If the Registrar finds deficiencies during the substantive review of the application, the Registrar shall mail a written request for additional information to the applicant. The applicant shall have 15 days from the date of mailing of the notice of deficiencies to provide the missing information.
 2. The 20 day time-frame for a substantive review shall be suspended from the date of mailing the request for addi-

Notices of Final Rulemaking

- tional information until the applicant provides the Registrar with all requested information.
3. Within 15 days of the date of mailing of the notice of deficiencies, the applicant may mail a request for an extension of time not to exceed 30 days from the date of the mailing of the notice of deficiencies. The applicant's request must be in writing and signed by a principal on the application.
 4. If the applicant does not provide the Registrar with the required information within 15 days of the date of mailing the notice of deficiencies, or request an extension of time, the Registrar shall deny the application.
 5. The Registrar shall mail written notice to the applicant of the Registrar's decision to grant or deny an extension. If an extension is granted, it shall not exceed 30 days from the date of mailing the notice of deficiencies. If an extension is denied, such notice shall contain an explanation of the reason for denial.
 6. If the applicant does not qualify for licensure the Registrar shall deny the application and mail a written notice of the Registrar action to the applicant pursuant to A.R.S. § 41-1076.
- E. For purposes of A.R.S. § 41-1072 et seq., the Registrar establishes the following time-frames for issuance of a contractors license.
1. Administrative completeness review time-frame: 40 days
 2. Substantive review time-frame: 20 days
 3. Overall agency time-frame: 60 days (These time-frames do not include extensions granted to the applicant to respond pursuant to subsections (C)(2) and (D)(5).)
- F. For the purpose of this Section, 1st class mail sent to the address on the application shall serve as legal notice.
- G. In computing any period of time prescribed or allowed by this Section, the day of the act, event or default from which the designated period of time begins to run shall not be included. The last day of the period so computed shall be included, unless it is a Saturday, a Sunday, or a legal holiday, in which event the period runs until the end of the next day which is not a Saturday, a Sunday, or a legal holiday.
- H. Notwithstanding any provisions of this Section the applicant may apply to the Registrar in writing to withdraw a license application and fees any time before issuance or denial.

R4-9-130. Schedule Of Fees-After December 31, 1993

An applicant shall submit a separate application for each classification of license. After December 31, 1993, The the following biennial license application fees, biennial license renewal fees and fees for other services shall be applicable in accordance with the provisions of A.R.S. § 32-1123.01 and § 32-1126:

1. RESIDENTIAL- CONTRACTORS:		Application	Renewal
a. General Residential- Contractor:			
Fee-for-license- application		\$460.00	
b. General Residential- Contractor:			
Fee-for-license- renewal		\$320.00	
c. Specialty Residential- Contractor:			
Fee-for-license- application		\$335.00	
d. Specialty Residential- Contractor:			

	Fee-for-license- renewal	\$270.00
2. COMMERCIAL- CONTRACTORS:		
a. General Commercial- Contractor (includes General Engineering- Contractor):	Fee-for-license- application	\$920.00
b. General Commercial- Contractor (includes General Engineering- Contractor):	Fee-for-license- renewal	\$640.00
c. Specialty Commercial- Contractor:	Fee-for-license- application	\$670.00
d. Specialty Commercial- Contractor:	Fee-for-license- renewal	\$540.00

Classification of License	Fee for Each License Applica- tion	Fee for Each License Renewal	Fee for Each License Application After May 1, 2000	Fee for Each License Renewal After May 1, 2000
---------------------------------	--	---------------------------------------	--	--

A. COMMERCIAL CONTRACTING

1. General Commercial Contracting (Includes all A and B classifications) \$760 \$320 \$820 \$440
2. Specialty Commercial Contracting (Includes all L classifications) \$540 \$270 \$590 \$380

B. RESIDENTIAL CONTRACTING

1. General Residential Contracting (Includes all B Classifications) \$380 \$160 \$400 \$220
2. Specialty Residential Contracting (Includes all C classifications) \$270 \$140 \$300 \$190

C. GENERAL DUAL LICENSED CONTRACTING

1. General Dual Licensed Contracting (Includes all KA, KB, KE, and KO Classifications) \$910 \$480 \$1000 \$670
2. General Dual Licensed Contracting if the applicant holds valid equivalent licenses for General Commercial and licenses General Residential Contracting \$360 \$480 \$500 \$670
3. Class KA Dual Engineering if the

Notices of Final Rulemaking

	applicant holds a valid license in the A- General Commercial Engineering classification	\$630	\$480	\$780	\$670
4.	Class KA Dual license if the applicant Engineering holds a valid license in the B-4 General Residential Engineering Contractor classification	\$770	\$480	\$900	\$670
5.	Class KB-1 Dual Building Contractor if the applicant holds a valid license in the B-1 General Commercial Contractor classification	\$630	\$480	\$780	\$670
6.	Class KB-1 Dual Building Contractor if the applicant holds a valid license in the B- General Residential Contractor classification	\$770	\$480	\$900	\$670
D.	SPECIALTY DUAL LICENSE CONTRACTING				
1.	Class K	\$650	\$400	\$730	\$570

2.	Class K if the applicant holds both a valid commercial and residential license in the equivalent classifications	\$300	\$400	\$430	\$570
3.	Class K if the applicant holds a valid commercial license in the equivalent classification	\$490	\$400	\$620	\$570
4.	Class K if the applicant holds a valid residential license in the equivalent classification	\$570	\$400	\$670	\$570
E.3.	FEEES FOR OTHER SERVICES				
1.a.	Application to change qualifying party			\$100	
2.b.	Application to change name of licensee			\$30	
e.	Initial examination fee	\$60.50			
d.	Retake examination fee	\$27.50			